

Region 3 GPRA Baseline RCRA Corrective Action Facility

BASF Corp.

Route 60 East
Williamsburg, Virginia 23187
Congressional District 3
EPA ID #: VAD990710642
Last Updated December 31, 2003

Current RCRA CA Activities

This facility is one of EPA Region III's high priority RCRA corrective action sites. The Commonwealth of Virginia's Department of Environmental Quality (DEQ) recently conducted an Environmental Indicator (EI) inspection at this facility and determined that additional information needs to be gathered in order to determine if the groundwater EI has been met. The Environmental Indicator addressing Human Exposures and dated September 30, 2003, states that current human exposures are under control. The DEQ will be discussing the data gaps with the facility and EPA Region III to determine the best approach to gather the additional information relative to the groundwater EI. The following documents are currently under review by DEQ: 1) *Groundwater Remediation Plan* dated September 15, 2003, 2) Comments provided by BASF and dated November 19, 2003 on DEQs review (dated October 15, 2003) of the *Groundwater Remediation Plan*, 3) *Remedial Action Work Plan –PCB Soil Removal* dated September 15, 2003, 4) *Site-wide Soil Risk Assessment* dated September 15, 2003, 5) *Supplemental Soil Investigation Report* dated September 15, 2003, and 6) *Building 203 June 2003 Indoor Air Sampling Results and Comparison to Regulatory Standards*.

Site Description

The BASF Facility is located approximately ten miles southeast of Williamsburg, Virginia. The site is bounded on the west by the James River, on the north and south by undeveloped land and wetlands, and on the east by Wood Creek. BASF operated the facility until 1989. The company manufactured acrylic fibers, acrylic spun yarns, and anti-static non-filament yarns for use in apparel and home furnishings. Since 1989 BASF has been investigating and remediating the contamination at the site. BASF intends to redevelop the site, especially the areas bordering the James River.

RCRA CA Milestones

A meeting was held between DEQ and BASF on March 13, 2003 to discuss how CA issues will be addressed in coordination with activities being conducted under the guidance of the Virginia Voluntary Remediation Program (VRP). In addition, a meeting was held on September 17, 2003, to discuss progress to date, and it was concluded that DEQ staff would review the progress

reports as soon as feasible.

Environmental Indicator Status

Under the Government Performance and Results Act (GPRA), EPA has set national goals to address high priority RCRA Corrective Action facilities by the year 2005. EPA is evaluating two key indicators for each facility: Current Human Exposures Under Control and Migration of Contaminated Groundwater Under Control. This facility is one of EPA Region III's high priority facilities and falls under this initiative. As of December 2, 2003 the current evaluation of Environmental Indicators for this facility is as follows:

- *Human Exposures Controlled Determination:* YE: Yes, "Current Human Exposures Under Control" has been verified under current and reasonably expected conditions. Please refer to form CA725 dated 9/30/03 for more details.
- *Release to Groundwater Controlled Determination:* IN: Additional information, including the initiation of groundwater remediation, is needed to determine if Groundwater Releases are Controlled. Please refer to form CA750 dated 9/27/02 for more details.

In support of the EI process, the facility BASF is currently compiling available information to achieve compliance with the Groundwater EI before 2005.

Contaminants

The main contaminants known to be present include benzene, 1,1-dichloroethene, cis, 1,2-dichloroethene, tetrachloroethene, vinyl chloride, and zinc.

Community Involvement

The development of a Community Relations Plan will be included during the preparation of the RFI Report.

Government Contacts

The Commonwealth of Virginia has the lead authority for this project. Please contact the state project manager listed below for details on this project or the contents of this fact sheet.

DEQ Project Manager:
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For more information about EPA's corrective action program, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

Facility Contact

The facility contact is:

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Factsheet Updates

The previous factsheet was updated 7/1/03. The next update is scheduled for 7/1/04. Previous factsheets may be obtained through the listed contacts.